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# Total Correction

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Second year

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note : Page #1 is the cover

Page #2 is the first page with words ( not blank page )

## Correction + important stuff

### a) Pharmacology :-

\*1- *slide #1* : read it from the slides the doctor gave us , as it's not mentioned in lippincott .

\*2- *slides #2+3* : read both the slides and the book ... as the doctor mentioned some extra notes in his slides , but the book has some info the doctor didn't mention .

\*3- *slides #4-10* : you can depend on the book if you can't get what the doctor is trying to say , but make sure not to study way extra than what the doctor wants us to know .

### b) Pathology :-

\*- As they told us that Dr.Fatima don't ask anything not in her slides . She copy paste from Robin's book , but during her lecture she mentions some extra info that is not written in her slides so you can go through the book if you want to have a knowledge about those info .

### c ) Biochemistry :-

\*1- *Sheet #1* : **Page 2**, change the word limitation to sedimentation .

\*2- *Sheet #2* : **Page 4**, in acute phase proteins delete the word "decrease" in either increase or decrease

**Page 5**, albumin is a "one" not no polypeptide chain .

**Page 7**, T<sub>3</sub> is triiodothyronine and T<sub>4</sub> is thyroxine .

\*3- *Sheet #4* : **Page 5**, add beta-barrel consist of 7C<sub>L</sub> or 8V<sub>L</sub> .

**Page 7**, add somatic mutation increase diversity .

**Page 7**, add Influenza haemagglutinin is large so interact with all CDRs where Hapten is small in size so bind to few CDRs .

**Page 7**, correct firmware to framework .

\*4- *Sheet #7* : **Page 6**, In spiral pathway ... All steps controlled by the same enzyme not "each".

\*5- *Sheet #9* : **Page 3**, hydrolysis of UDP-Glucose not UTP-Glucose.

**Page 3**,  $\ln(6/94) = -2.75$  not  $+1.35$ .

**Page 4,** remove " UDP structure " remove it on the diagram.

**Page 5,** remove addition of water for condensation reaction.

**Page 5,** adenylate kinase not cyclase.

**Page 6,**  $551 \times 90.6 = 49,920$  .. correct it in the slides too .

**Page 9,** remove the word co-enzyme after " Nicotinamide is the nicotinic acid ( COO- ) ".

\*6- *Sheet #10* : **Page 2,** TCA the first product "citrate" has 3 carboxylic groups.

**Page 4,** This first step is controlled by " Citrate Synthase enzyme"

\*7- *Sheet #11* : **Page 4,** lipoic acid not Pyroic

**Page 4,** Conversion of succinyl CoA to succinate provides energy in the form of GTP not GDP

**Page 4,** Substrate level phosphorylation attaching the inorganic phosphate with GDP not GTP

**Page 5,** branched chain of Alpha-keto acid is used in amino acid metabolism not alpha-ketoglutarate.

**Page 7,** Acetyl CoA is used in other process like fatty acid synthesis ..etc

\*8- *Sheet #12* : **Page 2,** if we have acetate in closed chamber not citrate

#### d ) Community :-

\*1- use the % written in the handout + slides **not** the sheet .

\*2- *Sheet #1* : **Page 5,** this is complementary to point 6 in page 4 .

**Page 7,** better health definition according to the handout "is the physical , social, and psychological well-being and the absence of diseases" .

\*3- *Sheet #2* : **Page 7,** How can we prevent Infectious diseases ? by Vaccination .

\*4- *Sheet #4* : **Page 3,** HIGH LD<sub>50</sub> not low.

**Page 4,** person who lives in LOW altitude will have a higher risk of polycythemia .

\*5- *Sheet #8* : **Page 5,** the percentage of people who died due to lower respiratory infection , coronary heart diseases and diarrhea ( to simplify the % ) It's 50% of the total 44.7% --> so the correct % will be 22.35% . So all the 3 percentages are subdivided from 44.7% .

**Page 7,** infant mortality was 19 not 29 and per 1000 not per 100 .

\*6- *Sheet #9* : **Page 3,** "they operate in different societies" this is complement for Point 1 not another point .

**Page 3**, Jordan fertility rate in 2012 is 3.5 not 1998 .

**Page 4**, fertility rate in 2002 was 3.7 Not 3.6 (this was the rate in 2007) .

**Page 5**, age of marriage in Jordan according to the last study is 28.1 not 25 .

\*7- *Sheet #10* : **Page 3**, the population of Jordan will be doubled in 2029 according to the handout not 2019 .

\*8- *Sheet #11* : **Page 2**, Jordan has a High Life span not low .

**Page 7**, the population of Jordan will be doubled in 2029

### e) Microbiology :-

\*1- *Sheet #3* : **Page 4**, capsid "plus" genome, Not capsid "does" genome .

**Page 4**, 'naked' viruses not 'native' viruses .

**Page 5**, rabies virus cause rabies from family of Rhabdoviridae.

**Page 6**, Naked not entry viruses .

\*2- *Sheet #6* : **Page 5**, Hepatitis D virus Not Hepatitis B .

\*3- *Sheet #7* : use the # in the doctor's slides not the sheet .

\*4- *Sheet #9* : instead of 3-5 viruses ... 3-5 receptor -glycoprotein complexes .

\*5- *Sheet #10* : **Page 8**, Klebsiella Pneumoniae carbanemase-R to all available antibiotic not antibodies

Sorry for the delay but as you know we have a lot of sheets to correct and re-check ...

Some mistakes are very silly so any one can notice them , so they weren't mentioned in this file ...

I would like to thank everyone who sent to JUcorrection account any mistake he found ... Really appreciate it .

Done by :-

Ala'a Alqudah and Omar Majed .